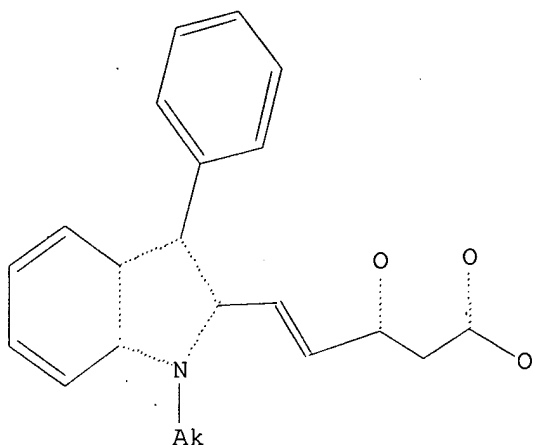


=> d 117
L17 HAS NO ANSWERS
L17 STR



G1 Ak,C
G2 C,O

Structure attributes must be viewed using STN Express query preparation.

=> s 117
SAMPLE SEARCH INITIATED 14:57:36 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 37 TO ITERATE

100.0% PROCESSED 37 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 376 TO 1104
PROJECTED ANSWERS: 1 TO 80

L18 1 SEA SSS SAM L17

=> s 117 full
FULL SEARCH INITIATED 14:57:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 920 TO ITERATE

100.0% PROCESSED 920 ITERATIONS 13 ANSWERS
SEARCH TIME: 00.00.01

L19 13 SEA SSS FUL L17

=> fil caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	161.76	1029.54
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-7.30

Ngrazier 10750466final and interm

FILE 'CAPLUS' ENTERED AT 14:57:49 ON 05 JUL 2005
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FILE COVERS 1907 - 5 Jul 2005 VOL 143 ISS 2
FILE LAST UPDATED: 4 Jul 2005 (20050704/ED)

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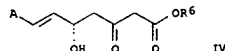
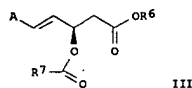
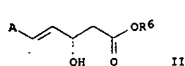
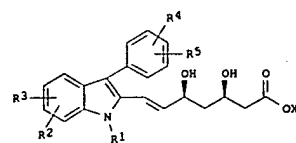
This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 119

L20 3 L19

=> d ed abs ibib hitstr 1-3

L20 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
 ED Entered STN: 24 Sep 2004
 GI



AB A process is claimed for the preparation of compds. of formula (I), where R1 = alkyl, R2-R5 = alkyl, alkoxy, phenoxy, benzyloxy, or halogen, and X = H, organic radical, or cation, by enzymic acylation to form compds. of formulas (II) and (III) and then reacting the compound II with a compound introducing the radical of formula -CH2-COOR6, R6-R8 being organic radicals, and then reducing, and optionally hydrolyzing, the resulting compound of formula (IV).

ACCESSION NUMBER: 2004:780664 CAPLUS
 DOCUMENT NUMBER: 141:294773
 TITLE: Process for the preparation of indole derivatives by enzymic acylation
 INVENTOR(S): Oehrlein, Reinhold; End, Nicole; Baisch, Gabriele
 PATENT ASSIGNEE(S): Ciba Specialty Chemicals Holding Inc., Switz.
 SOURCE: PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004080963	A1	20040923	WO 2004-EP50244	20040303
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				

L20 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SS, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

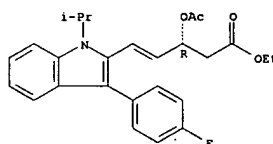
PRIORITY APPLN. INFO.: EP 2003-405174 A 20030313
 OTHER SOURCE(S): MARPAT 141:294773

IT 760980-67-4P
 RL: BPW (Biosynthetic preparation); PUR (Purification or recovery); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation) (preparation of indole derivs. by enzymic acylation)

RN 760980-67-4 CAPLUS

CN 4-Pentenoic acid, 3-(acetyloxy)-5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-, ethyl ester, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry unknown.

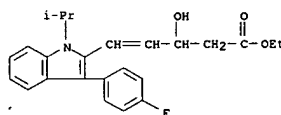


IT 760980-63-0P 760980-68-5P

RL: PRP (Properties); PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of indole derivs. by enzymic acylation)

RN 760980-63-0 CAPLUS

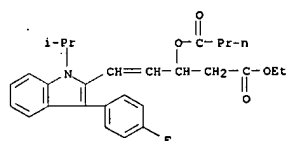
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-hydroxy-, ethyl ester (9CI) (CA INDEX NAME)



RN 760980-68-5 CAPLUS

CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-hydroxy-, ethyl ester, (3S)- (9CI) (CA INDEX NAME)

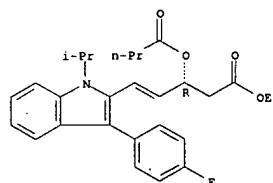
L20 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 760980-71-0 CAPLUS

CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-(1-oxobutoxy)-, ethyl ester, (3R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
 Double bond geometry unknown.

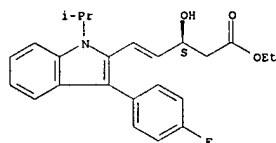


REFERENCE COUNT: 4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)

Absolute stereochemistry.
 Double bond geometry unknown.

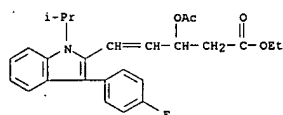


IT 760980-64-1P 760980-65-2P 760980-66-3P
 760980-71-0P

RL: PRP (Properties); PUR (Purification or recovery); SPN (Synthetic preparation); PREP (Preparation) (preparation of indole derivs. by enzymic acylation)

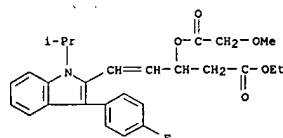
RN 760980-64-1 CAPLUS

CN 4-Pentenoic acid, 3-(acetyloxy)-5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-, ethyl ester (9CI) (CA INDEX NAME)



RN 760980-65-2 CAPLUS

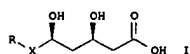
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-[(methoxyacetyl)oxy]-, ethyl ester (9CI) (CA INDEX NAME)



RN 760980-66-3 CAPLUS

CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-(1-oxobutoxy)-, ethyl ester (9CI) (CA INDEX NAME)

L20 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ED Entered STN: 29 Aug 2003
GI

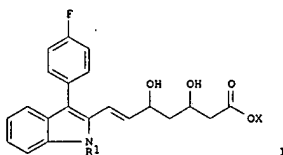


AB Mevalonic acid derivs. I [R = cyclic residue; X = CH₂CH₂, CH:CH] are prepared by treating R1R2R3P:CHCOCH₂CO₂R4 [R1-R3 = (un)substituted Ph; R4 = aliphatic, cycloaliph., aromatic] with RCHO, reducing the resulting RCH:CHCOCH₂CO₂R4 in presence of a chiral metal BINAP or TsDPEN catalyst, treating the resulting alc. with an ester enolate, reducing the second oxo group, and hydrolyzing the ester group. Thus, ClCH₂COCH₂CO₂Et was treated with PPh₃ to give Ph₃P:CHCOCH₂CO₂Et which was treated with 2-cyclopropyl-4-(4-fluorophenyl)quinoline-3-carboxaldehyde to give (E)-5-[2-cyclopropyl-4-(4-fluorophenyl)quinolin-3-yl]-3-oxopent-4-enoic acid Et ester. This ester was reduced with Ru[(1R,2R)-p-TaCNPPhCHPNH] (n-p-cymene) and treated with Me₃COAc to give (E)-5-[2-cyclopropyl-4-(4-fluorophenyl)quinolin-3-yl]-5-hydroxy-3-oxopent-4-enoic acid tert.-Bu ester which was reduced with MeOEt and hydrolyzed to give (E)-5-[3R,5S]-7-[2-cyclopropyl-4-(4-fluorophenyl)quinolin-3-yl]-3,5-dihydroxyhept-4-enoic acid calcium salt.

ACCESSION NUMBER: 2003:678800 CAPLUS
DOCUMENT NUMBER: 139:214343
TITLE: Process for the manufacture of HMG-CoA reductase inhibitory mevalonic acid derivatives
INVENTOR(S): Sedelmeier, Gottfried; Mathes, Christian
PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis Pharma G.m.b.H.
SOURCE: PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003070717	A1	20030828	WO 2003-EP1738	20030220
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MG, MK, MN, MO, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SC, SE, SG, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR				
CA 2473075	AA	20030823	CA 2003-2473075	20030220
EP 1478640	A1	20041124	EP 2003-714750	20030220
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003007801	A	20041221	BR 2003-7801	20030220
PRIORITY APPL. INFO.:			GB 2002-4129	A 20020221

L20 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ED Entered STN: 07 Dec 2001
GI



AB A process for the preparation of the title compds. I [R1 = C1-C6 alkyl; X = H, hydrocarbon radical or a cation] is reported. E.g., sodium erythro-(2)-(E)-7-[3-(4-fluorophenyl)-1-isopropyl-1H-indol-2-yl]-3,5-dihydroxyhept-6-enoate was prepared in a multistep synthesis from 3-(4-fluorophenyl)-1-isopropyl-1H-indole.

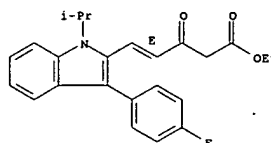
ACCESSION NUMBER: 2001:886062 CAPLUS
DOCUMENT NUMBER: 136:5904
TITLE: Process for the preparation of indole derivatives and intermediates of the process
INVENTOR(S): Wolleb, Annemarie; Wolleb, Heinz
PATENT ASSIGNEE(S): Ciba Specialty Chemicals Holding Inc., Switz.
SOURCE: PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001092223	A1	20011206	WO 2001-EP5667	20010517
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NZ, OM, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2407862	AA	20011206	CA 2001-2407862	20010517
AU 2001074049	A5	20011211	AU 2001-74049	20010517
EP 1284964	A1	20030226	EP 2001-940495	20010517
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003535077	T2	20031125	JP 2002-500838	20010517
US 2003166946	A1	20030904	US 2002-296106	20021122
US 6743926	B2	20040601		
US 2004176614	A1	20040909	US 2004-803705	20040318
PRIORITY APPL. INFO.:			EP 2000-810460	A 20000526
			WO 2001-EP5667	W 20010517
			US 2002-296106	A3 20021122

L20 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
WO 2003-EP1738 W 20030220

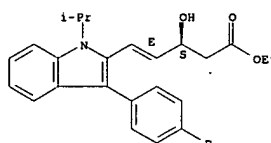
OTHER SOURCE(S): MARPAT 139:214343
IT 375846-20-1P 586966-56-5P
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (process for the manufacture of HMG-CoA reductase inhibitory mevalonic acid derivs.)
RN 375846-20-1 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-oxo-, ethyl ester, (4E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



RN 586966-56-5 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-hydroxy-, ethyl ester, (3S,4E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

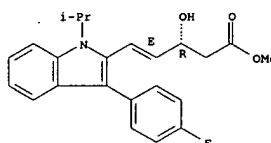


REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)
CASREACT 136:5904; MARPAT 136:5904

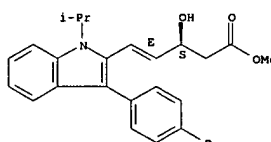
OTHER SOURCE(S): CASREACT 136:5904; MARPAT 136:5904
IT 375846-23-4P 375846-24-5P
RL: IMF (Industrial manufacture); PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of indole derivs.)
RN 375846-23-4 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-hydroxy-, methyl ester, (3R,4E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 375846-24-5 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-hydroxy-, methyl ester, (3S,4E)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

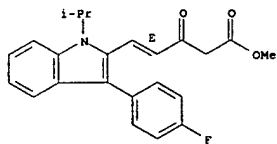


IT 375846-15-4P 375846-22-3P
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of indole derivs.)
RN 375846-15-4 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-oxo-, methyl ester, (4E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.

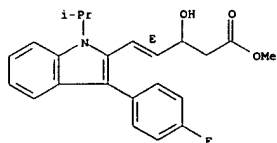
Ngrazier 10750466final and interm

L20 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN (Continued)



RN 375846-22-3 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-hydroxy-, methyl ester, (4E)- (9CI) (CA INDEX NAME)

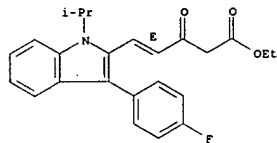
Double bond geometry as shown.



IT 375846-20-1P
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
(preparation of indole derivs.)

RN 375846-20-1 CAPLUS
CN 4-Pentenoic acid, 5-[3-(4-fluorophenyl)-1-(1-methylethyl)-1H-indol-2-yl]-3-oxo-, ethyl ester, (4E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

Ngrazier 10750466final and interm

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

15.27

1044.81

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.19

-9.49

STN INTERNATIONAL LOGOFF AT 14:58:23 ON 05 JUL 2005